

0570  
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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/034,650

DATE: 08/01/2002 86

TIME: 11:07:05

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5 Engelhard, Eric  
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235 tggggtatgg caaaagcatt cagttcagga ggcattgagt aaagaacacc cgggactgga 12300
236 cagaattgga agaatacagg taagactgca aagcccaaga gataagggc aaagggaaag 12360
237 actttaggcc aggacaaaa aaaaaaaaag aaaaaaaaag gaagcccaag ggtgccaag 12420
238 ttacaagcat agaaagaaaa ggggaactgg gaaagaggag ggcagggtgc tggacagagg 12480
239 ctacagctgt gtgtctgacc agggaggagg tgaaggccac cccagcctca gaactcagca 12540
240 gccacaatag gaggcctggg agcgtgcca gggctttgtg gtggcagagc caggtttggg 12600
241 gttcatctct gtggttaaca cattctgagg tgtgagcaag cctggagaga ggctctgcag 12660
242 agctagagag caggaaagcc ttgtctctgt aagaatgagt ggacagggaac ccgaaatcct 12720
243 cagactgcag tgtacgagga agagaccaga gttccagaag ggttcccaa tggacacttg 12780
244 caagtaaaca tctgtctcag gccagtgcag ccccccaat ccagccacat agagagaagc 12840
245 tattccccta caaaatgtgc ccgtccacc aaagtctctc ccagggttcc gtgcataccc 12900
246 tcagcacctt gggggcactc tggaaaagcc acaagcatgg tcattaagtt aatagtgaca 12960
247 atctcatcag aggaggtcac ctctactctt ccatcacata ctcatgggtt gccaccaat 13020
248 ctgtccccac tacaaaagcc atctgtggcc ttctgtgcc agcatccctc ctccctgagc 13080
249 ttggggctcc atcctctggt gggggtcaga gctgcttggc tcagcataat cctgatcagc 13140
250 ctctgtgca ctagccacag ggccccacgg aaacgtgtag cagggccctg ggaggaaagc 13200
251 gagtccagaat gacgcaggca agctggggga ggggaccagg gaccacactt gggggtgtag 13260

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/034,650

DATE: 08/01/2002  
TIME: 11:07:06

Input Set : A:\529452000128 SEQ LIST.txt  
Output Set: N:\CRF3\08012002\J034650.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:25; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23  
Seq#:25; N Pos. 24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43  
Seq#:25; N Pos. 44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63  
Seq#:25; N Pos. 64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83  
Seq#:25; N Pos. 84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102  
Seq#:25; N Pos. 103,104,105,106,107,108,109,110,111,112,113,114,115,116,117  
Seq#:25; N Pos. 118,119,120,121,122,123,124,125,126,127,128,129,130,131,132  
Seq#:25; N Pos. 133,134,135,136,137,138,139,140,141,142,143,144,145,146,147  
Seq#:25; N Pos. 148,149,150,151,152,153,154,155,156,157,158,159,160,161,162  
Seq#:25; N Pos. 163,164,165,166,167,168,169,170,171,172,173,174,175,176,177  
Seq#:25; N Pos. 178,179,180,181,182,183,184,185,186,187,188,189,190,191,192  
Seq#:25; N Pos. 193,194,195,196,197,198,199,200,201,202,203,204,205,206,207  
Seq#:25; N Pos. 208,209,210,211,212,213,214,215,216,217,218,219,220,221,222  
Seq#:25; N Pos. 223,224,225,226,227,228,229,230,231,232,233,234,235,236,237  
Seq#:25; N Pos. 238,239,240,241,242,243,244,245,246,247,248,249,250,251,252  
Seq#:25; N Pos. 253,254,255,256,257,258,259,260,261,262,263,264,265,266,267  
Seq#:25; N Pos. 268,269,270,271,272,273,274,275,276,277,278,279,280,281,282  
Seq#:25; N Pos. 283,284,285,286,287,288,289,290,291,292,293,294,295,296,297  
Seq#:25; N Pos. 298,299,300,301,302,303,304,305,306,307,308,309,310,311,312  
Seq#:25; N Pos. 313,314,315,316,317,318,319,320,321,322,323,324,325,326,327  
Seq#:25; N Pos. 328,329,330,331,332,333,334,335,336,337,338,339,340,341,342  
Seq#:25; N Pos. 343,344,345,346,347,348,349,350,351,352,353,354,355,356,357  
Seq#:25; N Pos. 358,359,360,361,362,363  
Seq#:61; Xaa Pos. 3

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/034,650

DATE: 08/01/2002

TIME: 11:07:06

Input Set : A:\529452000128 SEQ LIST.txt

Output Set: N:\CRF3\08012002\J034650.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:5334 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
L:5335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:60  
L:5336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:120  
L:5337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:180  
L:5338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:240  
L:5339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:300  
L:5340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:360  
L:19337 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:19341 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:61  
L:19342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:0